

Application No. 10/500,844  
Amendment dated May 3, 2006  
Second Preliminary Amendment

Docket No.: 21029-00278-US

**AMENDMENTS TO THE SPECIFICATION**

On page 4, please amend the paragraph at lines 13-20 as follows:

In the method according to the present invention, this absorption is only made possible if the bacteria are maintained in a situation of "stress", which implies a minimal input of oxidation energy. In consequence, according to one feature of the method of the invention, the method is controlled at the anaerobiosis limit, by regulating the dissolved oxygen content at values between 0.1 and 1 mg/l-1 g/l.